

In the Claims:

This Listing of Claims shall supersede all prior listings of claims submitted in this application.

Listing of Claims:

1. (Currently amended) A method of killing ectoparasites on a subject, said method comprising:

topically administering an alcohol-free, insecticide-free composition to an area on the subject where ectoparasites are present, wherein the composition comprises isopropyl myristate in an amount effective for killing lice alone and a concentration of ~~10% w/w up to 100%~~, and wherein further at least ~~50%~~ 80% of the ectoparasites are killed within 1 hour ~~after~~ of administration of the composition.

2. (Original) The method according to claim 1, wherein said ectoparasites are selected from the group consisting of lice, mites, ticks, and fleas.

3. (Original) The method according to claim 2, wherein the subject is a mammal.

4. (Original) The method according to claim 3, wherein the mammal is a human and the ectoparasites are head lice.

5. (Canceled)

6. (Canceled)

7. (Canceled)

8. (Original) The method according to claim 1, further comprising a cyclic siloxane carrier, wherein the cyclic siloxane is selected from the group consisting of decacyclomethicone, octametylcyclomethicone, cyclotetrasiloxane, cyclopentasiloxane, cyclohexasiloxane, and decamethylcyclopentasiloxane.

9. (Canceled)

10. (Original) The method according to claim 8, wherein said cyclic siloxane is decacyclomethicone.

11. (Canceled)

12. (Currently amended) A method of killing ectoparasites on a subject, said method comprising:

topically administering to an area on the subject where ectoparasites are present an insecticide-free composition comprising isopropyl myristate as the sole killing agent in an amount effective for killing lice alone and a concentration of 10% w/w up to 100%, wherein at least 50% of the ectoparasites are killed within 1 hour by dehydration following stripping of wax from their cuticles.

13. (Original) The method according to claim 12, wherein said ectoparasites are selected from the group consisting of lice, mites, ticks, and fleas.

14. (Original) The method according to claim 13, wherein the subject is a mammal.

15. (Original) The method according to claim 14, wherein the mammal is a human and the ectoparasites are head lice.

16. (Original) The method according to claim 14, wherein the mammal is a dog or cat and the ectoparasites are fleas or ticks.

17. (Canceled)

18. (Canceled)

19. (Original) The method according to claim 12, further comprising a cyclic siloxane carrier, wherein the cyclic siloxane is selected from the group consisting of decacyclomethicone, octametylcyclomethicone, cyclotetrasiloxane, cyclopentasiloxane, cyclohexasiloxane, and decamethylcyclopentasiloxane.

20. (Canceled)

21. (Original) The method according to claim 19, wherein said cyclic siloxane is decacyclomethicone.

22. (Canceled)

23. (Canceled)

24. (Canceled)

25. (Canceled)

26. (Canceled)

27. (Canceled)

28. (Canceled)

29. (Canceled)

30. (Canceled)

31. (Canceled)

32. (Original) The method of claim 1 or claim 12, further comprising the step of combing killed ectoparasites out of the subject's hair with a nit comb.

33. (Canceled)

34. (New) A method of killing ectoparasites on a subject, said method comprising:

topically administering an alcohol-free, insecticide-free composition to an area on the subject where ectoparasites are present, wherein the composition comprises isopropyl myristate in an amount effective for killing lice alone and a concentration of up to 100%, and wherein further at least 50% of the ectoparasites are killed within 10 minutes exposure to the composition.

35. (New) The method according to claim 34, wherein said ectoparasites are selected from the group consisting of lice, mites, ticks, and fleas.

36. (New) The method according to claim 34, wherein the subject is a mammal.

37. (New) The method according to claim 36, wherein the mammal is a human and the ectoparasites are head lice.

38. (New) The method according to claim 36, wherein the mammal is a dog or cat and the ectoparasites are fleas or ticks.

39. (New) The method according to any of claims 1, 12 or 34, wherein the isopropyl myristate is in a concentration of about 50% w/w to 100% w/w.

40. (New) The method according to any of claims 1, 12 or 34, wherein the isopropyl myristate is in a concentration of about 50% w/w.

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41. (New) The method according to any of claims 1, 12 or 34, wherein the isopropyl myristate is in a concentration of about 100% w/w.